ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 134 (1998) 373

COLLOIDS AND SURFACES A

Author Index

Abruña, H.D., 113
Adžić, R.R., 165
Al Sabagh, A.M., 313
Alargova, R.G., 331
Ardizzone, S., 305
Augustynski, J., 95

Baltruschat, H., 155
Baré, S., 181
Berry, G.M., 31
Bianchi, C.L., 305
Bilmes, S.A., 47
Binamira-Soriaga, E., 31
Borkowska, Z., 67
Brown, G., 3
Buess-Herman, C., 181
Bürger, W., 299

Chen, B.-Z., 207
Chen, S.-P., 207
Cho, K., 59
Climent, V., 133

Daikhin, L., 75
de Moraes, I.R., 103
Denkov, N.D., 331
Dülberg, A., 155

Fedurco, M., 95
Feliu, J.M., 133
Friedrich, K.A., 193

Gómez, R., 133
Goworek, J., 343
Grande, H.-J., 85
Grundke, K., 299

Henglein, F., 193
Herrero, E., 113, 133
Hołysz, L., 321
Husband, J.C., 349

Itaya, K., 21
Itoh, H., 265
Ivanov, I.B., 331

Jarvi, T.D., 145
Jung, M.C., 59

Karwowska, B., 173
Kim, H., 59
Kruft, M., 15
Kulesza, P.J., 173

Lenstra, T.A.J., 359
Li, J., 113
Li, N.-H., 207
Licht, S., 231, 241
Lu, G.-Q., 207
Lunkwitz, K., 299

Malik, M.A., 173
Marinković, N.S., 165
Mironyuk, I.F., 257
Mishra, B.K., 249
Motheo, A.J., 103
Müller, U., 155
Muramatsu, A., 265, 281

Nart, F.C., 103
Novotny, M.A., 3

Opallo, M., 67
Orts, J.M., 133
Otero, T.F., 85

Parida, S.K., 249
Park, Z., 15
Petkov, J.T., 331
Petsev, D.N., 331
Philipse, A.P., 359
Posadas, D., 47

Rikvold, P.A., 3
Rodes, A., 133

Sherwood, P.M.A., 221
Smoliński, S., 39
Sobkowski, J., 39
Soriaga, M.P., 31
Sriramulu, S., 145
Stefaniak, W., 343
Stimming, U., 193
Stuhlmann, C., 15
Stuve, E.M., 145
Sugimoto, T., 265, 281
Sun, S.-G., 207

Tirelli, D., 305
Tröger, J., 299
Turov, V.V., 257
Tymosiak-Zielinska, A., 67

Unkauf, W., 193
Urbakh, M., 75

Wandelt, K., 15
Wang, J.X., 165
Wang, Y., 265, 281
Weber, M., 103
Wieckowski, A., 3
Wierenga, A.M., 359
Wohlmann, B., 15

Xu, F.-C., 207

Yau, S.-L., 21
Yoon, S., 59

Zelenay, P., 39
Zoltowski, P., 67

ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 134 (1998) 375–376

COLLOIDS AND SURFACES A

Subject Index

Adatoms, 133
Adsorbate displacement, 31
Adsorption, 15, 103, 133, 313, 349
Adsorption isotherms, 39
Alkylbenzene ethoxylated derivatives, 313
Alkylbenzene glycerated derivatives, 313
Aluminum, 241
Anaerobic cell, 221
Aq. solution, 95

Batteries, 241
Biphenyl, 21
Bromide adlayers, 165
Bulk charge propagation, 173

Cadmium selenide, 231
Cadmium telluride, 231
CdS films, 47
Chloride, 15
CO adsorption and oxidation, 193
Colloidal platelets, 359
Computer simulations, 3
Conducting polymers, 85
Conformations, 85
Copper, 15
Cu-UPD, 155
Cyanide, 231
Cyclic voltammetry, 193

3D-3D transition electrodes, 85
Detergents, 313
Disks, 359
Dissolution, 181
Dynamic light scattering from dextran solutions, 331

Electrical conductivity, 67
Electrocatalysis, 145
Electrochemical adsorption, 3
Electrochemical quartz crystal microbalance, 59
Electrochemical scanning tunneling microscope, 59
Electrochemical Storage, 241
Electrochemical surface science, 31
Electrochemistry, 193, 221
Electrode poisoning, 145
Electrode reactions, 67
Electrosorption, 39
Ethene, 155

Ferricyanide, 241
Flocculation, 359
Fourier transform infrared spectroscopy, 133

Gelation, 359
Gibbsite, 359
Gold electrode, 67
Gold electrodes, 165
Gold single crystal electrodes, 181
Gold single crystals, 103

Hausmannite, 305
Hematite, 265, 281
Highly oriented pyrolytic graphite, 59
Hydrated powder, 257

Infrared spectrum, 281
In situ FTIR, 103
Interfacial electron transfer, 173
Internal structure, 281
IR spectroscopy, 193

Kaolin, 349

Lattice-gas models, 3
Light-addressable photoelectrochemical sensor, 231

Manganite, 305
Mass spectrometry, 155
Membrane characterization, 331
Membrane modification, 331
Membranes, 85, 299
Mercury film electrode, 59
Metal-electrode-interface, 15

Methanol, 145
Micellization, 313
Microbalance, 75
Mn speciation, 305
Modified semiconductor electrodes, 47
Molecular orbital and band structure calculations, 221
Monochromatic X-ray photoelectron spectroscopy, 221
Mordant Red 19, 59

Nanoparticles, 265
Naphthalene, 21
Non-equilibrium statistical mechanics, 3
Nonionic surfactants, 313
Nuclear magnetic resonance, 257
Nucleation and growth, 181

Oxygen reduction, 165

Pd-electrode, 155
Phase transitions, 181
Phosphate ions, 103
Photoelectrochemistry, 231
Photoelectron spectroscopy, 15
Photoemission, 95
Platinum, 145
Platinum electrodes, 165
Pore structure, 343
Porosity, 299
Pt-electrode, 155
Pt(111), 21
Pyridine, 95

Quartz crystal, 75

Radiometry, 39
Relaxation, 85
Retention coefficient of membranes, 331
Rh(111), 21
Roughened silver, 95
Roughness, 75

Scanning tunneling microscopy, 15
Semiconductor/electrolyte interfaces, 47
Shape, 281
Shape control, 265
Shear viscosity, 359
Silica, 257
Silica gel, 321
silica gels, 343
Silver monocrystals, 39
Single crystal, 145
Single crystals, 133
Size, 281
Size control, 265
Sodium carboxymethyl cellulose, 349
Sodium polyacrylate, 349
Solid–liquid interfaces, 75
Solid-state voltammetry, 173
Solid electrolytes, 67
STM in solution, 21
Structure control, 265
Sulfate ions, 39
Superbattery, 241
Supported Pt particles, 193
Surface conductance, 47
Surface coordination chemistry, 31
Surface free energy components, 321
Surface structure, 15
Surface tension, 299

Tetraalkylammonium cation hydrates, 67
Theoretical model, 85
thermal desorption, 343
Thermal treatment, 321
Thermodynamics, 313
Thin films, 75

Underpotential deposition, 3
Uracil adlayers, 181
Urea, 133

Valence band photoemission, 221
Viscoelasticity, 349

Washburn, 299
Wetting kinetics, 299

X-ray diffraction, 165
X-ray photoelectron spectroscopy, 221